

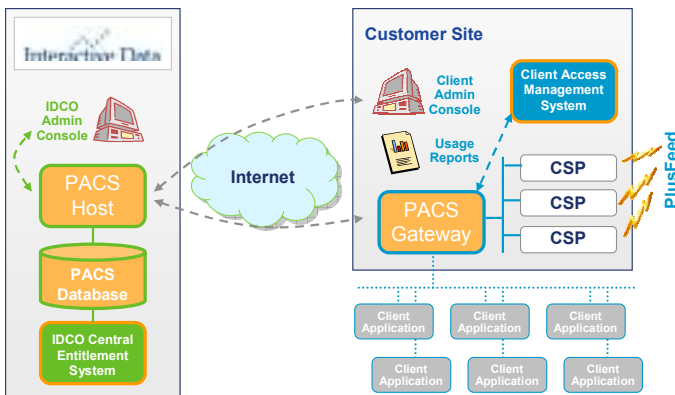
PlusFeed Access Control System

Control and automate enterprise-wide data access, reporting and associated costs quickly and effectively with Interactive Data's PlusFeed Access Control System, a powerful permissioning and entitlement module designed to interface with PlusFeedSM.

■ Data reporting and permissioning

The PlusFeed Access Control System (PACS) is a permissioning and entitlement solution designed to interface with PlusFeed, Interactive Data's low latency consolidated datafeed, to control enterprise-wide data access with a level of granularity and transparency allowing the customer to manage data flows and associated costs quickly and effectively.

It can be integrated with any PlusFeed datafeed installation as a standalone entitlement module or it can be optionally deployed as an add-on component as part of the PlusFeed Data Distribution Platform.



Conceptual overview of PACS

PACS is a scalable, reliable, high performance, and easy-to-use data access control system that can be used for the permissioning and reporting of data throughout the organization. As standard, it comes with a web-based user interface, a fully functional API to automate the workflow, and a powerful and highly scalable Gateway Server which connects to a Host System, managed by Interactive DataSM.

■ Key benefits

Control the data flow and usage across the organization in a transparent way, while leveraging the PACS API to automate the permissioning work flow to maximize efficiency. Add exchange-compliant reporting and be confident to deploy an entitlement solution designed to meet your content management expectations.

- **Manage costs** – get full transparency of who is using what data across your organization and save costs by comparing actual data usage versus active entitlements
- **Exchange compliance** – benefit from in-depth entitlement reports while drawing on Interactive Data's extensive embedded knowledge of exchange approved reporting formats to comply with your firm's reporting obligations
- **Vendor of record** – delegate (*subject to certain conditions*) exchange reporting to Interactive Data using a pre-approved and controlled data entitlement and reporting solution
- **Automated work flow** – control the entitlement of data to any end-user or application in your organization through the PACS API, while reducing the manual workload and boosting efficiency through automated and fully integrated procedures

■ Admin console

The admin console is a web-based user interface to the PACS Host System. It allows the system administrator to view and manage the permissioning of data entitlements throughout the enterprise. Redistributor clients and service facilitators will be able to manage entitlements for external entities down to the end-user level.

Functionality includes the administration of entities and end-users, and managing the entitlement privileges on all user levels as well as the generation of exchange and usage reports.

■ Powerful API

All functionality embedded in the PACS Admin Console can be integrated into the customer's own content management system or data architecture through the PACS API, enabling the customer to fully automate the workflow and entitlement management processes all the way down to the end-user or application.

■ Host and gateway servers

The PACS Host System is the master database of all user and permissioning data, and is hosted and controlled by Interactive Data for all non-vendor installations. Each PACS Gateway Server in the field maintains a connection with the PACS Host System to deliver real-time changes in entitlements and provide access and usage reporting back to the host system.

The PACS Gateway is a high-performance server which connects to one or multiple Client Site Processors (CSP) delivering PlusFeed to the customer. The PACS Gateway stores the active customer and end-user entitlements and only allows end-users access to data when authorised.

- **Ease of integration** – the PACS Gateway acts as an intelligent interface between the CSP and client applications. The data protocol is identical to that of PlusFeed delivered via the CSP, although additional functionality is available through the PACS API to handle entitlement requests and other permissioning tasks.
- **Scalability** - the PACS gateway can maintain thousands of end-user connections simultaneously and also continuously collects usage data for storage, reporting processes and cost analysis

■ Client use cases

PACS can be used for the permissioning of data throughout the firm as well as for extensive internal and external reporting to meet the needs of exchange, vendor and in-house reporting and usage requirements.

- **Controlled internal use** - customers who prefer Interactive Data to control permissioning of the data can deploy PACS to become a 'controlled internal use client'. Interactive Data will manage the

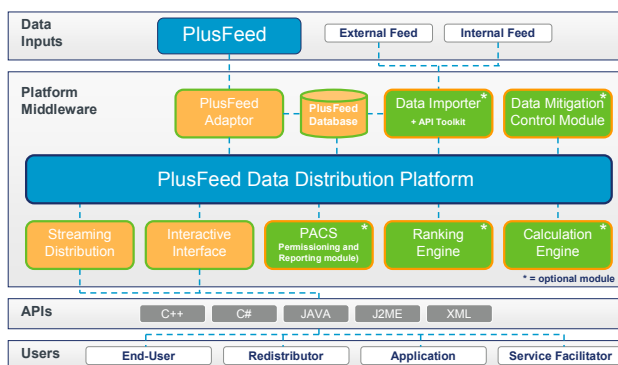
exchange reporting on behalf the client. Such clients do not need to submit honesty statements and won't be charged datafeed fees

- **Service facilitator** – third parties who want Interactive Data to control permissioning to the end-user and be responsible for reporting to the exchanges as the 'vendor of record' can (*subject to certain conditions*) deploy PACS to comply with the technical requirements of a service facilitator, whereby Interactive Data delivers the data, and the third party delivers the application to the mutual client
- **Redistributor client** – vendor clients can choose to deploy PACS if they need a highly efficient entitlement system to control and manage the permissioning and reporting of market data to a large number of clients and end-users

■ Beyond data permissioning

If a complete data entitlement and reporting system is only one of the requirements you need satisfied, the PlusFeed Data Distribution Platform may be the answer. It is a highly scalable and high performance data management system capable of delivering all of PlusFeed's real-time streaming content and providing value added services, including PACS, via a modular design.

Whether you are looking to mitigate data, consolidate depth data across multiple venues, derive and database data while comingling PlusFeed with other internal and external data sources, the PlusFeed Data Distribution Platform enables the customer to install only those components that are required as well as minimize costs. Additional features can easily be deployed at a later stage if and when the need arises.



PlusFeed Data Distribution Platform

About Interactive Data Corporation

Interactive Data Corporation is a trusted leader in financial information. Thousands of financial institutions and active traders, as well as hundreds of software and service providers, subscribe to our fixed income evaluations, reference data, real-time market data, trading infrastructure services, fixed income analytics, desktop solutions and web-based solutions. Interactive Data's offerings support clients around the world with mission-critical functions, including portfolio valuation, regulatory compliance, risk management, electronic trading and wealth management. Interactive Data is headquartered in Bedford, Massachusetts and has over 2,400 employees in offices worldwide.

Interactive Data's Real-Time Services business is a leading provider of real-time global market data to financial institutions, redistributors and online financial portals worldwide. Offerings from Interactive Data include PlusFeed, a consolidated, low latency datafeed. Also managed as part of this business is Interactive Data's Managed Solutions business, a leading provider and operator of customized financial market information systems.

For more information about Interactive Data Corporation and its businesses, please visit www.interactivedata.com.

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